

New Claims 11 to 30

What is claimed is:

11. (New) A thin block copolymer modified bituminous felt comprising at least one block copolymer, which comprises at least two poly(vinyl aromatic) blocks and at least one poly(conjugated diene) block in a weight proportion of from more than 20 to 50 wt% relative to the weight of the block copolymer, and bitumen and optionally at least one filler in a weight proportion from 0 to 50 wt% relative to the weight of the complete composition and wherein the respective weight proportions of block copolymer, bitumen and filler add up to 100%.
12. (New) The thin block copolymer modified bituminous felt according to claim 1 wherein the weight proportion of block copolymer is from more than 20 to 40 wt% relative to the weight of the block copolymer and bitumen.
13. (New) The thin block copolymer modified bituminous felt according to claim 1 having a service temperature from 140 to 200°C and a cold bend temperature of -35°C or lower.
14. (New) The thin block copolymer modified bituminous felt according to claim 1 wherein the conjugated diene is 1,3-butadiene, isoprene or a mixture of 1,3-butadiene and isoprene.
15. (New) The thin block copolymer modified bituminous felt according to claim 1 wherein the block copolymer is a linear triblock copolymer S-B-S or a coupled radial block copolymer (S-B)_n-X, optionally mixed with diblock S-B, wherein each S independently represents poly(styrene) and each B independently represents poly(butadiene) and wherein the diblock copolymer occurs in a weight proportion from 0 to 35 wt%.
16. (New) The thin block copolymer modified bituminous felt according to claim 1 wherein the block copolymer is selectively hydrogenated and is a linear triblock copolymer S-EB-S or a coupled radial block copolymer (S-EB)_n-X, optionally mixed with diblock S-EB, wherein each S independently represents poly(styrene) and each EB independently represents hydrogenated

poly(butadiene) and wherein the diblock copolymer occurs in a weight proportion from 0 to 35 wt%.

17. (New) The thin block copolymer modified bituminous felt according to claim 1 wherein the bound poly(vinyl aromatic) content in the block copolymer is from 25 to 45 wt%.
18. (New) The thin block copolymer modified bituminous felt according to claim 1 wherein the 1,2-addition in the conjugated diene polymerization is from 5 to 65 mole%.
19. (New) The thin block copolymer modified bituminous felt according to claim 1 wherein the apparent total molecular weight of the block copolymer is from 40,000 to 500,000.
20. (New) The thin block copolymer modified bituminous felt according to claim 1 having a thickness from 1 to 5 mm.
21. (New) The thin block copolymer modified bituminous felt according to claim 20 wherein the bituminous felt is a roofing felt having a thickness from 1.5 to 2.5 mm.
22. (New) The thin block copolymer modified bituminous felt according to claim 20 wherein the bituminous felt is a bridge decking layer having a thickness from 2.5 to 3.5 mm.
23. (New) The thin block copolymer modified bituminous felt according to claim 1 wherein the bituminous felt consists of a single layer.
24. (New) A thin block copolymer modified bituminous pavement comprising at least one block copolymer, which comprises at least two poly(vinyl aromatic) blocks and at least one poly(conjugated diene) block, in a weight proportion from more than 20 to 50 wt% relative to the weight of the block copolymer and bitumen, and optionally at least one filler in a weight proportion from 0 to 50 wt% relative to the weight of the complete composition, and wherein the respective weight proportions of block copolymer, bitumen and filler add up to 100%.

25. (New) The thin block copolymer modified bituminous pavement according to claim 24 having a base course thickness of about 40 mm.
26. (New) A block copolymer modified bituminous composition wherein the bitumen has a penetration value at 25°C (according to ASTM D5) from 10 to 350 dmm, and wherein the block copolymer occurs in a weight proportion from more than 20 to 50 wt% relative to the weight of bitumen and block copolymer.
27. (New) The block copolymer modified bituminous composition according to claim 26 wherein the block copolymer is a linear triblock copolymer S-B-S or a coupled radial block copolymer (S-B)_n-X, optionally mixed with diblock S-B, wherein each S independently represents poly(styrene) and each B independently represents poly(butadiene) and wherein the diblock copolymer occurs in a weight proportion from 0 to 35 wt%.
28. (New) The block copolymer modified bituminous composition according to claim 26 wherein the bound poly(vinyl aromatic) content in the block copolymer is from 25 to 45 wt%.
29. (New) The block copolymer modified bituminous composition according to claim 26 wherein the 1,2-addition in the conjugated diene polymerization is from 5 to 65 mole%.
30. (New) The block copolymer modified bituminous composition according to claim 26 wherein the apparent total molecular weight of the block copolymer is from 40,000 to 500,000.